



County of San Diego Agriculture, Weights & Measures

CALIFORNIA PESTICIDE LAWS & REGULATIONS PRESENTED BY:

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AMANDA MATHEWS

What will be covered?

General Overview of
the Pesticide
Regulation Program
with the County of
San Diego

Licensing,
Registration, and
Reporting
Requirements

Employee Training

Label Requirements

Personal Protective
Equipment

Decontamination
Facilities

Service Container
Labeling

Emergency Medical
Care

Pesticide Regulation Program Mission Statement:

Safeguarding the health of all people
and the environment by promoting
the safe and legal use of pesticides.



How to promote the safe and legal use of pesticides?

Enforce Laws and Regulations	Food & Agricultural Code (FAC)	California Code of Regulations (CCR)	Business & Professionals Code (BPC)
Issue California Restricted Material Permits	Issue Operator IDs for Reporting Agricultural Use of Pesticides	Outreach & Education	Opportunities to improve interaction with industry
Investigate	Pesticide Illness	Antimicrobial Incidents	Complaints

Top 10 Violations | County of San Diego

- | | | |
|-----|---------------|--|
| 1. | FAC 12973 | Pesticide Use Shall Not Conflict with Labeling |
| 2. | 3CCR 6738 | Personal Protective Equipment Care |
| 3. | FAC 11732 | County Registration |
| 4. | 3CCR6724(b-e) | Handler Training |
| 5. | 3CCR6764 | Field Worker Training |
| 6. | 3CCR6739(d) | Respiratory Protection |
| 7. | 3CCR6626/7 | Pesticide Use Reports for Production Agriculture |
| 8. | 3CCR6624 | Pesticide Use Records |
| 9. | FAC11701 | Valid Pesticide Business License |
| 10. | FAC11701.5 | Qualified Applicator in a Supervisory Position |

Valid Pesticide Business License | FAC11701

AGRICULTURAL PEST CONTROL

California Department of Pesticide Regulation

- Maintenance Gardener Business License (MGB)
- Pest Control Business License (PCB)



STRUCTURAL PEST CONTROL

Structural Pest Control Board

- Branch 1 – Structural Fumigation (wood destroying)
- Branch 2 – Structural Applications (household pests)
- Branch 3 – Wood destroying organisms (non fume)



MUST be licensed prior to conducting pest control work for hire

Business Licensing Types

PEST CONTROL BUSINESS

You perform pest control for hire.

Includes advertising, soliciting, or operating as a pest control business.

Applies to both principle and branch locations.
Allows use of restricted use pesticides.

MAINTENANCE GARDENER PEST CONTROL BUSINESS

You own or work for a business that provides routine lawn and garden care for home landscapes, ornamental, or turf plantings near buildings.

Occasionally, pesticides are applied as part of a maintenance job.

Qualified Applicator Supervisory Position | FAC 11701.5

Any business performing pest control for hire must be supervised by an appropriately licensed individual.



Qualified Applicators License | QAL-B

Landscape Maintenance (Category B)

This category allows you to apply or supervise the application of restricted and general use pesticides, substances, methods, or devices to control pests in:

- Natural or planted ornamental and turf landscaped areas and other outside areas around buildings;
- Residential yards (including home gardens and orchards), recreation areas, schoolyards, vacant lots, storage yards, greenbelts, golf courses, cemeteries, parks, landscaped street medians, sidewalk areas and walkways, and parking lots directly related to landscaped areas;
- Landscaped areas in enclosed shopping malls and indoor plants.

This category does not include direct application to running or standing water.

Qualified Applicators License | QAC-Q

Maintenance Gardener (Subcategory Q) QAC ONLY

This subcategory allows incidental* pest control (including application or supervision of the application of non- restricted** pesticides and other methods or devices to control pests) for commercial maintenance gardening activities in ornamental and turf plantings located:

- Indoors, such as in malls;
- Surrounding structures (such as: buildings, brick walls, fountains, fences, or statues) where the ornamental or turf planting is near or close to the structure yet distinct and separate from any planting which may constitute a larger landscaped open space (i.e., park, cemetery lawn, golf course turf, etc.); or
- In commercial parks where several commercial establishments (e.g. stores, offices, restaurants, warehouses or factories) are located. This includes, but is not limited to business parks, office parks, and shopping centers or malls.

County Registration | FAC 11732

MUST register annually with the County Agricultural Commissioner (CAC)

- each county you perform pest control work
- prior to conducting pest control work



COUNTY OF SAN DIEGO
DEPARTMENT OF AGRICULTURE
WEIGHTS AND MEASURES
PESTICIDE REGULATION PROGRAM

9325 Hazard Way, Ste. 100
San Diego, CA 92123
Phone: (619) 594-8940
Fax: (619) 467-9277
Website: <http://www.sdcac.com>
E-mail: prp.perm@county.ca.gov

AGRICULTURAL PEST CONTROL BUSINESS REGISTRATION 2019 (expires: 12/31/2019)

☐ Renewal ☐ New ☐ Check here if contact information has changed. Please include changes on reverse side.

☐ Change in Qualified Applicator ☐ *Choose only 1 business category: ☐ Pest Control Business \$75.00
☐ Maintenance Gardener Business \$25.00

BUSINESS LICENSE NUMBER BUSINESS LICENSE EXPIRATION DATE AMOUNT ENCLOSED \$

What types of pests are you intending to control?

BUSINESS ADDRESS BUSINESS PHONE NUMBER

CITY STATE ZIP CODE

BUSINESS E-MAIL ADDRESS FAX NUMBER (if different from business address)

REGISTRANT ADDRESS (if different) CITY STATE ZIP CODE

QUALIFIED APPLICATOR INFORMATION (Person Responsible for Pesticide Use)

APPLICATOR NAME CONTACT

QUALIFIED APPLICATOR NUMBER EXPIRATION DATE ☐ DAL ☐ DAC

How would you like your form returned to you? ☐ Mail ☐ E-mail ☐ Fax

QUALIFIED APPLICATOR'S SIGNATURE DATE

AUTHORIZED REPRESENTATIVE'S SIGNATURE FOR PEST REGISTRATION DATE

IN LANC, AGRICULTURE, COMMISSIONER

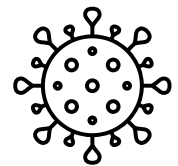
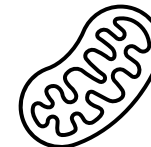
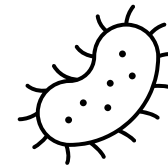
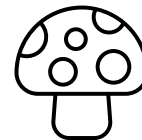
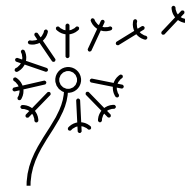
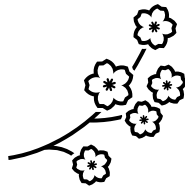
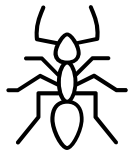
Public Disclosure
We strive to protect personally identifiable information by collecting only information necessary to deliver our services. All information that may be collected at this site becomes public records that may be subject to inspection and copying by the public, unless an exemption in law exists. In the event of a conflict between this Privacy Notice and any County ordinance or other law governing the County's disclosure of records, the County ordinance or other applicable law will control.
Access and Correction of Personal Information
You can review any personal information we collect about you. You may request changes to your personal information you believe is in error by submitting a written request that clearly shows the error. If you believe that your personal information is being used for a purpose other than what was intended when submitted, you may contact us. In all cases, we will take reasonable steps to verify your identity before granting access or making corrections. See Contact Information section.

What is a Pesticide?

A pesticide is any substance or mixture of substances intended for preventing, destroying, repelling, or mitigating any pest.



- Insects
- Mice and other vertebrate animals
- Unwanted plants (weeds), or
- Fungi, bacteria and viruses that cause diseases



Pesticide Use Shall Not Conflict with Labeling | FAC 12973

Always read and follow the entire label for:

- Personal Protective Equipment (PPE) Site/commodity being treated
- Dilution rates
- Application types
- Any other restrictions; weather, bees, nearby structures, etc.



Why is the Label Important?

- Safe handling and use
- Personal Protective Equipment (PPE)
- Restricted Entry Intervals (REI)
- Pesticide labels are legally enforceable
 - “It is a violation of federal law to use this product in a manner inconsistent with its labeling.”
- Correct site and rate
- Use shall not conflict with labeling

The Label Tells You...

Restricted Use Designation 1	RESTRICTED USE PESTICIDE For retail sale to and use only by certified applicators, or persons under their direct supervision and only for those uses covered by the certified applicator's certification.									
Trade Name 2	VAPORIZE WP									
Formulation 3										
Mode of Action 4	GROUP 10 INSECTICIDE									
Active ingredients 5	ACTIVE INGREDIENT: By Wt. Vaporin .. 12.0%									
Other ingredients 6	OTHER INGREDIENTS: 88.0%									
Net Contents 7	NET CONTENTS 5 lb									
EPA Reg. No. 8	EPA Reg. No. 123-4567 EPA Est. No. 123									
Manufacturer 9	AGRICULTURAL CHEMICAL COMPANY 1234 Industrial Drive Logan, UT 84321									
Signal Word 10	CAUTION									
Keep out of Reach of Children 11	KEEP OUT OF REACH OF CHILDREN									
First Aid 12	<table border="1"><thead><tr><th colspan="2">FIRST AID</th></tr></thead><tbody><tr><td>If swallowed:</td><td>Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by the poison control center or doctor.</td></tr><tr><td>If in eyes:</td><td>Hold eye open and rinse with water for 15-20 minutes.</td></tr><tr><td>If inhaled:</td><td>Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration.</td></tr></tbody></table>		FIRST AID		If swallowed:	Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by the poison control center or doctor.	If in eyes:	Hold eye open and rinse with water for 15-20 minutes.	If inhaled:	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration.
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If in eyes:	Hold eye open and rinse with water for 15-20 minutes.									
If inhaled:	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration.									
	PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS Harmful if swallowed. Avoid contact with skin and eyes. PERSONAL PROTECTIVE EQUIPMENT (PPE) All applicators and other handlers must wear: • Long-sleeved shirt and long pants. • Shoes plus socks • Chemical resistant gloves									
	USER SAFETY RECOMMENDATIONS Wash hands before eating, drinking, or chewing gum. Wash PPE separately from other laundry.									
	ENVIRONMENTAL HAZARDS This product is toxic to aquatic invertebrates. Do not apply directly to water. Do not apply this product to blooming crops or weeds while bees are actively foraging.									
	PHYSICAL OR CHEMICAL HAZARDS Combustible - Do not use or store near heat or open flame.									
	DIRECTIONS FOR USE It is a violation of Federal law to use this product in a manner inconsistent with its labeling									
	AGRICULTURAL USE REQUIREMENTS Use this product only in accordance with its labeling and with the Worker Protection Standard.									
	Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.									
	STORAGE AND DISPOSAL Pesticide Storage Do not store in or around home. Keep out of reach of children. Store in a cool, dry place.									
	Pesticide Disposal Do not reuse or refill this container. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.									

How to use a product safely and effectively.

How to store the product safely.

First Aid Instructions

Phone numbers to call for help or information.


Labeling Available at Use Site| 3CCR6602



Copy of registered labeling that allows manner in which the pesticide is being used shall be available at each use site

Electronic labels acceptable *if* can be readily accessed

Pesticide Use Reporting


San Diego

[Home](#) [Product Lookup](#) [PUR/NOI Query](#) [RMP - Op-ID](#) [Pesticide Use Report](#) [Help](#)


Active Permit:
Active Site:

You are logged in as: the rose test gardens
[Change Password](#) [Change Q and A](#) [Logout](#)


Welcome




Ag PURs
Enter a new 7 Day Job Report for Commercial Applicators
Enter a new Monthly Report for Grower Applications




MSPURs
Enter a new Structural Monthly Summary report (MSPUR)
Enter a new Non-structural MSPUR
Enter a new Zero Usage Report




NOIs
Enter a new Notice of Intent




Permits
Select Permit for viewing
37P0001: THE ROSE TEST GARDENS
[View Permit](#)



CEDTS
Upload pre-formatted CEDTS data



Help and Training
[Training Videos](#) 
[FAQs Under Construction](#)

My Licenses and Certifications - NANCY WICKUS

License/Cert. #	Type	Expiration	Registered On
PR0007	SPCM		
0007	PCM		

My PUR/NOI Activity
[Show Activity](#)

Report Type	Drafts	Submitted	County Entered	Sent to DPR
Ag. Job Reports	View	View	View	View
Ag. Monthly Reports	View	View	View	View
MSPURs	View	View	View	View
NOIs	View	View	View	



Handler Training | 3CCR6724

Pesticide Handler:

- Mixes, loads, transfers, applies or assists with pesticide application
- Maintains, services, repairs, cleans, or handles equipment with pesticide residues
- Works with open (including emptied but not rinsed) containers of pesticide
- Adjusts, repairs, or removes treatment site coverings
- Other handling activities specified by the label



Handler Training continued

Employer *shall* have a written training program...

- each pesticide or chemically similar group of pesticides...
- in a manner the employee can understand...
- completed before allowing employee to handle pesticides...
- date & extent of initial & annually training and the job assigned shall be recorded...

Label vs. Regulation Requirements for Personal Protective Equipment (PPE)

Personal Protective Equipment (PPE)

Applicators and other handlers must wear: long-sleeved shirt and long pants, shoes plus socks. Follow manufacturer's instructions for cleaning/maintaining Personal Protective Equipment (PPE). If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

When handlers use closed systems, enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Loaders, applicators, and other handlers must wear:

Required by **LABEL**: long-sleeved shirt and long pants, shoes plus socks.

Required by **REGULATION**: chemical-resistant gloves, protective eyewear.

Users should also follow User Safety Recommendations

Labeling & Regulation PPE

LABELING PPE

Food & Agriculture Code 12973

REGULATION PPE

Title 3 of the California Code of Regulations Section 6738

- PPE Care
- PPE Use
- Selection of Protective Eyewear
- Selection of Gloves
- PPE Exemptions

PPE USE | 3CCR6738.1



All *employees* who handle pesticides must wear the following PPE even if not listed on the label:

- Protective eyewear: safety glasses, goggles, or face shield
- Chemical resistant gloves: minimum 14 mil thickness
- Coveralls *If* using a “WARNING” or “DANGER” product. *Company provided uniforms with long sleeved shirts and long pants will meet requirement.*

Gloves Selection | 3CCR6738.3



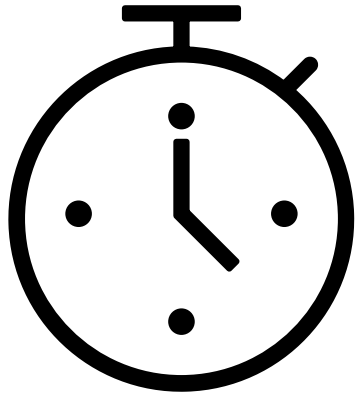
Glove Category Selection Key

Label Code	Materials Required by Law	Material Code
A	1,2,3,4,5,6,7,8	1: Laminate
B	1,2	2: Butyl
C	1,2,3,4,7,8	3: Nitrile
D	1,2	4: Neoprene
E	1,3,4,8	5: Natural
F	1,2,3,8	6: Polyethylene
G	1,8	7: PVC
H	1,8	8: Viton

All but Laminate and Polyethylene must be 14 mils or thicker

Gloves tested and rated in three categories for chemical compatibility:
Degradation | Breakthrough Time | Permeation Rate

Selection of Gloves | 3CCR6738.3



Exemption:

Gloves may be thinner than 14 mils

- high dexterity & motor control skills
- required for fine adjustments, repairs, & other activities
- may only be used for a maximum of 15 minutes
- must be discarded after the task is complete

Selection of Eyewear | 3CCR6738.2

Employer must provide protective eyewear to an employee who handles pesticides.

Look for ANSI Z87.1 marking.

Protective eyewear must not interfere with corrective lenses.

Special protective eyewear may be needed to accommodate corrective lenses.





PPE CARE| 3CCR6738

The employer is required to provide all PPE required by:

- Label
- Regulation

Provide for its daily inspection, cleaning, repairs or replacements

Assure all PPE, not in use, is kept separate from personal clothing in a clean pesticide free area

Coveralls | 3CCR 6738.1(e)

When employees handle “WARNING” or “DANGER” products, coveralls MUST be worn.



- One or two-piece garment of closely woven fabric covering entire body, except head, hands, and feet.
- MUST be provided by the employer.

More organic products & adjuvants with WARNING signal word.



Respiratory Protection | 3CCR6739



	Filtering Face Piece (resembles dust mask)			Elastomeric		
	VOLUNTARY EMPLOYEE SUPPLIED	VOLUNTARY EMPLOYER PROVIDED	LABEL, PERMIT CONDITIONS OR EMPLOYER REQ	VOLUNTARY EMPLOYEE SUPPLIED	VOLUNTARY EMPLOYER PROVIDED	LABEL, PERMIT CONDITIONS OR EMPLOYER REQ
Medical Eval	NO	NO	YES	NO	YES	YES
Fit Test	NO	NO	YES	NO	NO	YES*
Written Program	NO	NO	YES	NO	YES (Minimal)	YES
(r)-posting	YES	YES	NO	YES	YES	NO
EXAMPLES OF TIGHT-FITTING RESPIRATORS						
TYPE:	Filtering face piece	Filtering face piece	Filtering face piece	Half Face	Full Face	SCBA
MODEL:	2200 N series N-95	General Purpose N-95 Particulate	General Purpose N-95 Particulate	7700 Half Face Series	SurvivairMax S-Series	M'95
MANUFACTURER:	Moldex	3M	3M	North	Survivair	Scott

Decontamination Facility | 3CCR6734

If an employee is handling “WARNING” or “DANGER” products, then the decontamination facility must be within 100 feet of the mix site.

Must include sufficient soap, water, and single-use towels, plus a change of coveralls.
Sanitizer does not meet the requirement.



Service Container Labeling | 3CCR6678



Name & address of person/firm responsible for container

Identity of pesticide in container

Signal Word: Danger, Warning, or Caution

Pesticide Handling/Use/Storage | 16CCR1983

Cannot be stored or left unattended in such a manner or at any place where they may present a hazard to persons, animals, food, feed, crops or property. 3CCR 6670

When not in use they must be kept in a locked storage. 3CCR 6674

All lids or closures shall be securely tightened. 3CCR 6676

Signs required for “Warning” and “Danger” pesticides. 3CCR6672-84



www.alamy.com - CTXC06

Pesticide Storage | 3CCR6672-84

Pesticides must be locked if unattended or attended at all times.

If “WARNING” or “DANGER” products are stored, the storage area must be posted.



Proper Containers | 3CCR6680



A pesticide should never be placed or kept in any container of a type commonly used for food, drink or household products. (3CCR 6680)

Equipment Identified| 3CCR6630



Business' name, or with "Licensed Pest Control Operator," "Fumigation Division," "Licensed Fumigator," or substantially similar wording

Pest control operator license number of the person or firm.

Markings shall be large enough to be readable at 25 feet.

Pesticide Transportation | 3CCR6682



Pesticides shall not be transported in the same compartment with persons, food or feed.

Violations are often found in the storage box of a vehicle.

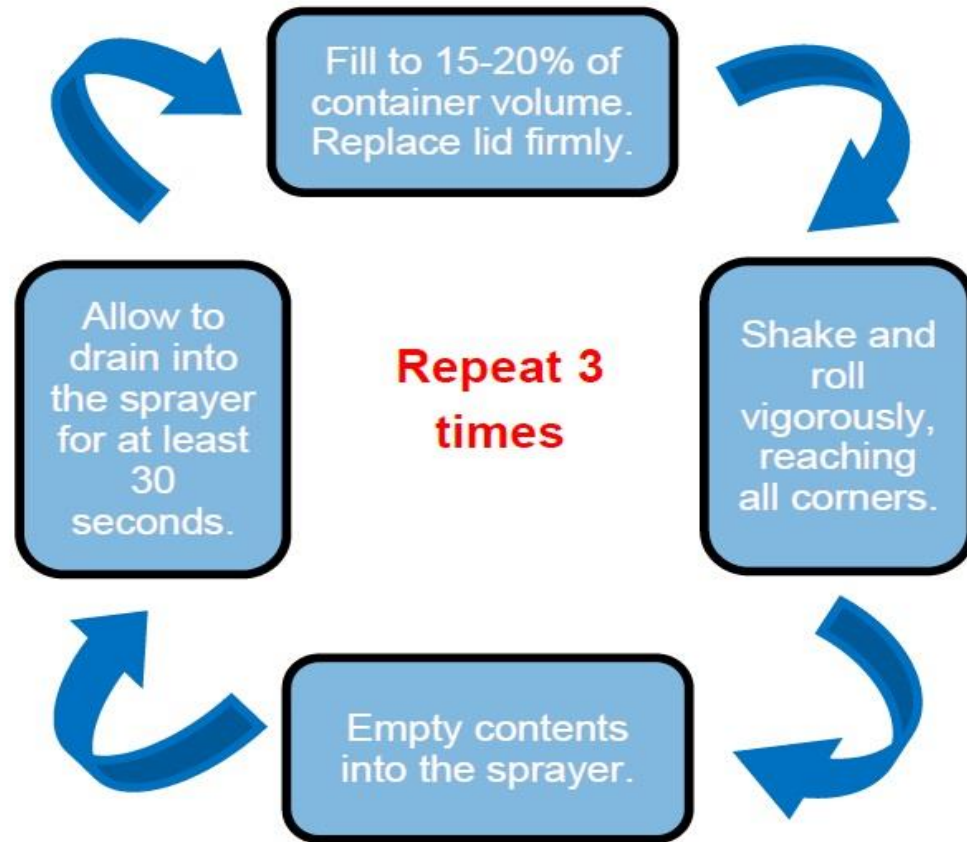
Storage of PPE in the same box with pesticides is a violation of 3CCR § 6738(a)

Vehicle utility box pesticide storage posting is required only if used as fixed pesticide storage area



Pesticide containers shall be secured to vehicles during transportation to prevent spillage.

Containers Properly Rinsed 3CCR6684



Ground Water and Wellhead Protection



Ground Water Protection 3CCR 6487.1 – 6487.5

- 6487.1 Artificial Recharge Basins
- 6487.2 Inside Canal and Ditch Banks
- 6487.3 Engineered Rights-of-way within ground water protection areas
- 6487.4 Runoff ground water protection areas
- 6487.5 Leaching ground water protection areas



Wellhead Protection 3CCR 6609

- Prohibited to mix or load pesticides within 100 feet of well.
- Apply pre-emergent herbicides in 3CCR6800(a)(b)



Surface Water Regulations

Background Information & Goal of Regulations

Scope and Definitions

Regulated Applications


Prohibited Applications



A large orange circle on the left side of the slide, partially cut off by the edge.

Surface Water Regulations 3CCR6970

When Applicable?

- ❖ Outdoor Pyrethroid Applications
 - ❖ Non-production agricultural settings:
structural, residential, industrial, parks, golf
courses, and institutional sites
 - ❖ 17 regulated active ingredients
 - ❖ Persons performing pest control for hire
- 
- A yellow dashed line in the bottom right corner, consisting of several short, curved segments.

3CCR6970 and 6972 went into effect July 19, 2012

Aquatic life is very sensitive to Pyrethroids

Pyrethroids frequently detected in water monitoring samples

Significant source of aquatic toxicity is pesticide run-off into surface waters

Urban hardscapes have a high number of impervious surfaces

High levels statewide, concentrations at toxic levels in streams by urban areas

Pyrethroid residues can persist for years in streams



17 Regulated Active Ingredients

Persistent in Environment

Mobile under Run-Off Conditions



17

Regulated Active Ingredients

- ❖ Bifenthrin
- ❖ Bioallethrin
- ❖ S-bioallethrin
- ❖ Cyfluthrin
- ❖ Beta-Cyfluthrin
- ❖ Gamma-cyhalothrin
- ❖ Lambda-cyhalothrin
- ❖ Cypermethrin
- ❖ Deltamethrin
- ❖ Esfenvalerate
- ❖ Fenpropathrin
- ❖ Tau-fluvalinate
- ❖ Permethrin
- ❖ Phenothrin
- ❖ Prallethrin
- ❖ Resmethrin
- ❖ Tetramethrin

Handout AWM296 (3/14)

CCR Section 6970. Surface Water Protection in Outdoor Nonagricultural Settings

Which active ingredients are involved?

• Bifenthrin	• Lambda-cyhalothrin	• Permethrin
• Bioallethrin	• Cypermethrin	• Phenothrin
• S-bioallethrin	• Deltamethrin	• Prallethrin
• Cyfluthrin	• Esfenvalerate	• Resmethrin
• Beta-Cyfluthrin	• Fenpropathrin	• Tetramethrin
• Gamma-cyhalothrin	• Tau-fluvalinate	

Prohibited

- During precipitation; however to underside the eaves is ok (e)(1)
- Application to standing water (e)(2) (f)
- To a sewer, storm drain, curbside gutter (e)(3)
- Visible drainage grate or visible french drain (e)(4)(A) (e)(4)(B)
- Landscaped dry river bed, swale, or trench filled with gravel or rock (e)(4)(B)
- Within 25 feet of an aquatic habitat located down gradient from the application site. Includes preconstruction termite sites. The applicator shall measure the distance from the high water mark or intermittent stream that are dry from the top of the bank (e)(5)
- Preconstruction termite site within 10 feet of a storm drain located down gradient (e)(6)

	Application to soil, mulch, gravel, lawn, turf, or ground cover	Application to windows, doors, horizontal impervious surfaces	Applications to vertical structural surfaces
Spot Treatment	Application Allowed (a)(1)	Application Allowed (b)(1)	Application Allowed (c)(1)
Pin Stream	Application Allowed (a)(2)	Application Allowed (b)(3)	Application Allowed (c)(3)
Crack and Crevice	Prohibited by Exclusion	Application Allowed (b)(2)	Application Allowed (c)(2)
Broadcast	Application Allowed (a)(4)*	Prohibited by Exclusion	Prohibited by Exclusion
Perimeter Band Treatment	Application Allowed 3 feet wide or less from the base of a building outward (a)(3)	Prohibited by Exclusion	Application Allowed up to 2 feet above grade (c)(4)

*** Applicator must sweep up any granules that land on horizontal impervious surfaces onto the treatment site (d)**

6972. Exemptions from Surface Water Protection in Outdoor Nonagricultural Settings (6970)

- Injection into soil or structural materials, such as bricks, concrete, or wood (a)
- Post-construction rod or trench termite application methods (b)
- Applications to below-ground insect nests or nests made of mud or paper combs (c)
- Applications of baits in weather-proof stations or gel baits (d)
- Pesticide applications to receiving waters for which a permit has been issued under the Statewide General National Pollutant Discharge Elimination System (NPDES) for Pesticide Discharges to Waters of the U.S. from Spray Applications, and Vector Control Applications (e)
- Applications to the underside of eaves (f)
- Freezers or aerosol applications (g)

Definitions (3CCR6000)

- **Aquatic habitat** means bodies of water, such as lakes, reservoirs, rivers, perennial and intermittent streams, wetlands, or ponds, sloughs, and estuaries.
- **Crack and crevice treatment** means the application of small amounts of insecticide directly into cracks and crevices in which insect[s] hide or through which they may enter the building. Examples are openings occurring at expansion joints, between different elements of construction, and between equipment and floors. Only minimal amounts of pesticide should remain on the surface.
- **Impervious surfaces** means hard surfaces, such as concrete or asphalt streets, sidewalks, and driveways
- **Precipitation** means the condensation of atmospheric water vapor that falls under gravity. Precipitation does not include mist or fog
- **Spot treatment** means an application to limited areas that will not exceed two square feet on which pests are likely to occur or have been located during the process of monitoring or inspection.

AWM 296 (3/14)

6970. Surface Water Protection in Outdoor Nonagricultural Settings.

The provisions of this section apply to any person performing pest control for hire, including landscape maintenance gardeners, when any of the following pesticides is applied outdoors to structural, residential, industrial, and institutional sites:

bifenthrin	gamma-cyhalothrin	fenpropathrin	resmethrin
bioallethrin	lambda-cyhalothrin	tau-fluvalinate	tetramethrin
S-bioallethrin	cypermethrin	permethrin	
cyfluthrin	deltamethrin	phenothrin	
beta-cyfluthrin	esfenvalerate	prallethrin	

(a) Except when prohibited in (e), applications to the soil surface, mulch, gravel, lawn, turf, or groundcover must be made using only the methods described below:

- (1) Spot treatment
- (2) Pin stream treatment of one-inch wide or less
- (3) Perimeter band treatment of three feet wide or less from the base of a building outward
- (4) Broadcast treatment but not within two feet from any horizontal impervious surface. Pin stream treatment of one-inch wide or less may be made within the two-foot area.
- (5) For broadcast treatment of termiticides to preconstruction sites, prior to precipitation, the treatment site must be covered with a waterproof covering, such as a polyethylene sheet, or a concrete slab must be poured over the treated soil.

(b) Except when prohibited in (e), applications to windows and doors, and horizontal impervious surfaces must be made using only the methods described below:

- (1) Spot treatment
- (2) Crack and crevice treatment
- (3) Pin stream treatment of one-inch wide or less

(c) Except when prohibited in (e), applications to vertical structural surfaces, such as walls, foundations, and fencing, must be made using only the methods described below:

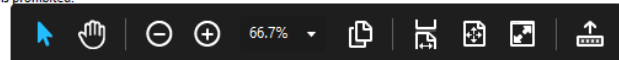
- (1) Spot treatment
- (2) Crack and crevice treatment
- (3) Pin stream treatment of one-inch wide or less
- (4) Perimeter band treatment up to a maximum height of two feet above the grade level.

(d) Except when prohibited in (e), for applications using granules to the soil surface, mulch, gravel, lawn, turf, or groundcover, the applicator shall sweep any granules that land on horizontal impervious surfaces onto the treatment site.

(e) The following applications are prohibited:

- (1) To any site during precipitation, except for applications made to the underside of eaves;
- (2) To the soil surface, mulch, gravel, lawn, turf, groundcover, or horizontal impervious surfaces with standing water, including puddles;
- (3) To a sewer or storm drain, or curbside gutter;
- (4) To the following components of a constructed drainage system that drains to a sewer or storm drain, curbside gutter, or aquatic habitat:
 - (A) Visible drainage grate connected to a drain pipe; or
 - (B) Visible french drain, or a landscaped dry river bed, swale or trench filled with gravel or rock;
- (5) To the soil surface, including preconstruction termite sites, mulch, gravel, lawn, turf, groundcover, or horizontal impervious surfaces within 25 feet of aquatic habitat located downgradient from the application. The applicator shall measure the distance from the high water mark or intermittent streams that are dry from the top of the near bank; or
- (6) To the preconstruction termite site within 10 feet of a storm drain located downgradient from the application.

(f) Application to plants, shrubs, or trees where there is standing water in the dripline or perimeter of the plants, shrubs, or trees is prohibited.



Impervious Surfaces

Hard surfaces: concrete, asphalt streets, sidewalks, driveways.

Spot Treatment

Application limited $\leq 2\text{ft}^2$ where pests are likely to occur or have been located during the process of monitoring.

Crack and Crevice Treatment

Application of small amount of insecticide directly into cracks and crevices where insects hide or where they may enter buildings.

Examples: openings at expansion joints, between different elements of construction, between equipment and floors.

Only minimal amounts of pesticide should remain on the surface.

Sites and Application Methods Effected

1. Soft Surface Applications
2. Hard Horizontal Surface Applications
3. Vertical Structural Surfaces other than doors and windows
4. Prohibited Applications



1. Soft Surface Regulations | Soil, Mulch, Gravel, Lawn, Ground Cover

FOUR OPTIONS

1. Spot Treatment
2. Pin Stream
3. Perimeter Band ≤ 3 ft outward from the base of a building
4. Broadcast treatment not within 2ft of horizontal impervious surface

*If applying a granular pyrethroid any granules that land on horizontal impervious surfaces must be swept back onto treatment site



2. Horizontal Impervious Surfaces, Doors/Windows

LIMITED TO

1. Spot Treatment
2. Crack and Crevice
3. Pin Stream of 1 inch or less

3. Vertical Structural Surface Regulations

Other than Doors and Windows

LIMITED TO

1. Spot Treatment
2. Crack and Crevice
3. Pin Stream of linch or less
4. Perimeter Band up to a max of 2ft above grade



4. Prohibited Applications

NO APPLICATIONS DURING RAINFALL except those to the underside of eaves



4. Prohibited Applications

NO APPLICATIONS to ANY HORIZONTAL SURFACE

Including soft surfaces ie. soil, mulch, gravel, lawn, ground cover, or horizontal impervious surfaces WITH STANDING WATER, including puddles.



4. Prohibited Applications

NO APPLICATIONS to components of constructed drainage systems that drain to sewer or storm drain, curbside gutter or aquatic habitat



- Drainage Grate
- French Drain
- Dry Riverbed
- Swale
- Trench Filled with Rock

4. Prohibited Applications Continued

Applications to plants, shrubs, or trees where there is standing water in the dripline or perimeter of the plants, shrubs or trees is prohibited

NO APPLICATIONS to sewers, storm drains, constructed drainage system

NO APPLICATIONS to sewers, storm drains or curbside gutter

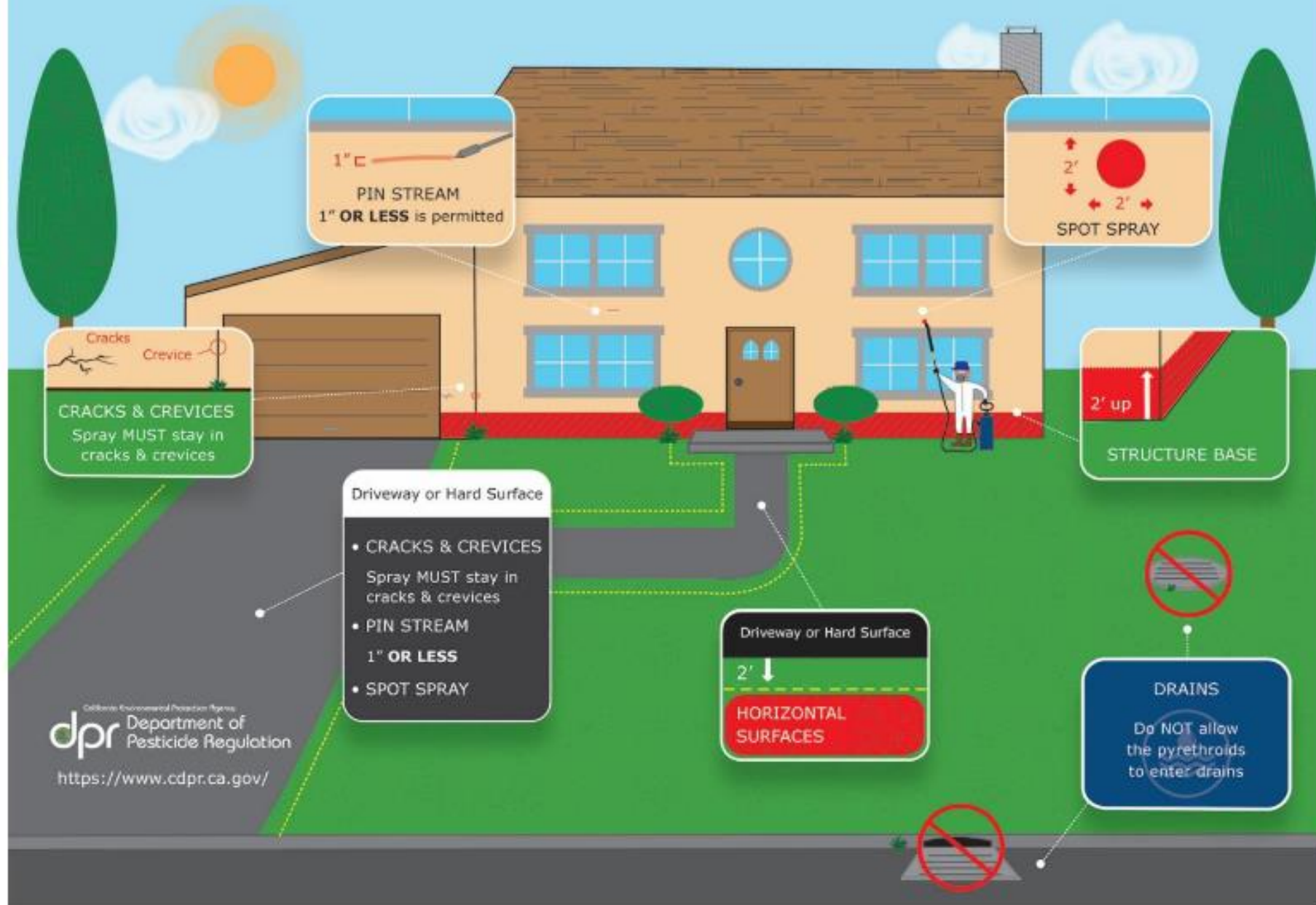


Surfaces Types Covered

Applications	To soil, mulch, gravel, lawn, turf, or ground cover	To windows, doors, horizontal impervious surfaces	To vertical structural surfaces
Spot Treatment	Application Allowed (a)(1)	Application Allowed (b)(1)	Application Allowed (c)(1)
Pin Stream	Application Allowed (a)(2)	Application Allowed (b)(3)	Application Allowed (c)(3)
Crack and Crevice	Prohibited by Exclusion	Application Allowed (b)(2)	Application Allowed (c)(2)
Broadcast	Application Allowed (a)(4)*	Prohibited by Exclusion	Prohibited by Exclusion
Perimeter Band Treatment	Application Allowed 3 feet wide or less from the base of a building outward (a)(3)	Prohibited by Exclusion	Application Allowed up to 2 feet above grade (c)(4)

* Applicator must sweep up any granules that land on horizontal impervious surfaces onto the treatment site (d)

SURFACE WATER REGULATIONS



Thank You

Please let us know if you have any questions.

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